



Quality Control Report

LAFAYETTE LABORATORY  
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SUNOCO, INC  
ACTON, MA

Analysis: Alkalinity (as CaCO<sub>3</sub>), Total  
Method: M2320 B

WorkOrder: 08031008  
Lab Batch ID: R175640

Method Blank

RunID: WET\_0803311-2583943 Units: mg/L CaCO<sub>3</sub>  
Analysis Date: 03/31/2008 10:15 Analyst: SRA

Samples in Analytical Batch:

<u>Lab Sample ID</u>	<u>Client Sample ID</u>
08031008-05F	MW-3D
08031008-06F	GES-4

Analyte	Result	Rep Limit
Alkalinity, Total (As CaCO <sub>3</sub> )	ND <	5.0

Laboratory Control Sample (LCS)

RunID: WET\_0803311-2583944 Units: mg/L CaCO<sub>3</sub>  
Analysis Date: 03/31/2008 10:15 Analyst: SRA

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Alkalinity, Total (As CaCO <sub>3</sub> )	200.0	198.0	99.00	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08031008-05  
RunID: WET\_0803311-2583946 Units: mg/L CaCO<sub>3</sub>  
Analysis Date: 03/31/2008 10:15 Analyst: SRA

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Alkalinity, Total (As CaCO <sub>3</sub> )	32.00	200	232.0	100.0	200	232.0	100.0	0	20	80	120

**Qualifiers:** ND/U - Not Detected at the Reporting Limit MI - Matrix Interference  
B/V - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution  
J - Estimated value between MDL and PQL \* - Recovery Outside Advisable QC Limits  
E - Estimated Value exceeds calibration curve  
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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